



#18
L05
8-14-02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Marc Tremblay and William Joy

Title: LOCAL AND GLOBAL REGISTER PARTITIONING IN A VLIW
PROCESSOR

Application No.: 09/204,585

Filed:

December 3, 1998 AUG 09 2002

Examiner: D. Y. Eng

Group Art Unit: 2155

RECEIVED
Technology Center 2100

Atty. Docket No.: 004-3288

July 31, 2002

COMMISSIONER FOR PATENTS
Washington, DC 20231

RESPONSE TO NON-FINAL OFFICE ACTION

This paper is responsive to a non-final Office action dated May 1, 2002, having a shortened statutory period for response set to expire August 1, 2002. Further examination and reconsideration are requested.

REMARKS

Claims 1-28 are pending and stand rejected. Claims 1, 3-14 and 23-28 stand rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent No. 5,592,679 (hereinafter, Yung) in view of U.S. Patent No. 5,911,149 (hereinafter, Luan). Claims 2 and 15-22 stand rejected under 35 U.S.C. 103(a) as being unpatentable over Yung in view of Luan and further in view of U.S. Patent No. 6,023,757 (hereinafter, Nishimoto).

Yung discloses a single microprocessor 200 with distributed data flow among a plurality of execution pipes (e.g., pipe 241 of Figure 2). Each execution pipe uses a local register buffer (e.g., buffer 241d) so that locally generated register result values are made quickly available locally within each execution pipe. Yung, col. 3, ll. 27-35. Figure 2 of Yung also includes a global register file 290. However, "Yung does not disclose whether the global register and the



LAW OFFICES OF
ZAGORIN, O'BRIEN & GRAHAM, L.L.P.

401 WEST 15TH STREET, SUITE 870
AUSTIN, TEXAS 78701

(512) 347-9030 (PHONE)
(512) 347-9031 (FAX)

2155
COPY OF PAPERS
ORIGINALLY FILED

INTERNET: www.IP-Counsel.com

July 31, 2002

RECEIVED

AUG 09 2002

Technology Center 2100

Commissioner for Patents
Washington, D.C. 20231

Applicant: Marc Tremblay and William Joy
Title: LOCAL AND GLOBAL REGISTER PARTITIONING IN A VLIW PROCESSOR
Application No.: 09/204,585 Filed: December 3, 1998
Atty. Docket No.: 004-3288 Client Ref. No.: P3288

Dear Sir:

Transmitted herewith are the following documents in the above-identified application:

- ☒ Response to Office action (6 page(s))
- ☐ Petition for Extension of Time (month) (page(s))
- ☐ Information Disclosure Statement (page(s)), including PTO Form 1449 (page(s)), and copies of reference(s)
- ☐ Other: (page(s))
- ☒ A Return Postcard and this sheet in duplicate

The Total Fee has been calculated as shown below:

	Claims After Amendment	Claims Previously Paid	Extra Claims	Fees
Total Claims	N/A	- =	0 x \$18.00 =	0.00
Independent Claims		- =	0 x \$84.00 =	0.00
Multiple Dependent Claims (if any) - \$280.00 fee				
Additional Claims Fee				\$.00
Fee For Extension Of Time				
Other Fees: ()				
TOTAL FEE DUE:				\$.00

- ☐ Applicant is, or has established status as, a small entity.
- ☐ A check is enclosed for the Total Fee shown above.
- ☐ Please charge the Total Fee shown above to Deposit Account 50-0631.
- ☒ The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. § 1.16 or 1.17 which may be required during the pendency of this application, and to similarly credit any overpayment, to Deposit Account 50-0631.

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to Commissioner for Patents, Washington, D.C. 20231 on the date shown below.

Michael P. Noonan

July 31, 2002
Date

Respectfully submitted,

Michael P. Noonan, Reg. No. 42,038
Attorney for Applicant(s)
(512) 347-9030
(512) 347-9031 (fax)